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TITLE: Stacked chip package

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2001036630A

BASIC-ABSTRACT: NOVELTY - A stacked chip package is

provided to attain an

increase in a data storage capacity and further to realize a mounting of high

density.

DETAILED DESCRIPTION - The stacked chip package(100)

includes lower and upper

chips(30,40) attached to leads(20) and encapsulated in a package body (70).

Each chip(30,40) has electrode pads(32,42) formed on an active surface thereof.

The leads (20) are interposed between both chips (30,40) and attached to the

active surface of the lower chip(30) by a double-sided adhesive tape(62) and

the back surface of the upper chip(40) by an insulating

layer (64). In particular, the electrode pads (32) of the lower chip (30) are electrically connected to inner end portions of the corresponding leads (20) by lower metal wires (52), whereas the electrode pads (42) of the upper chip (40) are electrically connected to outer peripheral portions of the corresponding leads (20) by upper metal wires (54). Therefore, regardless of a size or a function, two chips (30,40) can be stacked together in the single package body (70).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS:

STACK CHIP PACKAGE

DERWENT-CLASS: U11

EPI-CODES: U11-E02A1;

